

Serial No. 09/822,598  
Amdt. dated September 21, 2004  
Reply to Office Action of June 21, 2004

Attorney Docket No. PN01023AA

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 09/822,598

Confirmation No.: 9348

Applicant(s): Chen, Weizhong

Examiner: Lugo, David B.

Filed: March 30, 2001

Docket No.: PN01023AA

TC/A.U.: 2634

Customer No.: 20280

Title: A Signal Processor Used For Symbol Recovery and Methods Therein

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action of June 21, 2004, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 6 of this paper.

**Amendments to the Drawings** begin on page 14 of this paper. Annotated sheets showing changes to FIGs. 2 and 3 follow page 17 of this paper.

**Remarks/Arguments** begin on page 15 of this paper.

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DOCKET NO. PN01023AA

**MOTOROLA****FAX TRANSMITTAL SHEET****RECEIVED  
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Motorola, Inc.  
Intellectual Property Section  
Law Department  
600 North U.S. Highway 45  
AS437  
Libertyville, Illinois 60048

Telephone: (847) 523-2322  
Facsimile: (847) 523-2350

**22**

Number of Pages (including this page)

Date: September 21, 2004  
To: Examiner David B. Lugo  
Location: United States Patent and Trademark Office  
Fax No.: (703) 872-9306  
From: Hisashi David Watanabe - 37,465  
Subject: 09/822,598- Chen, Weizhong Confirmation No.: 9348

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**MESSAGE:**

Enclosed herewith, please find AMENDMENT and associated papers, if any, for filing in the below-identified application.

**PLEASE GIVE THESE PAPERS TO:**

EXAMINER:  
GROUP ART UNIT:  
SERIAL NO.:  
FILED:  
INVENTOR:

**Lugo, David B.**  
2634  
09/822,598  
MARCH 30, 2001  
CHEN, WEIZHONG

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	09/822,598	
		Filing Date	March 30, 2001	
		First Named Inventor	Chen, Weizhong	
		Group Art Unit	2634	
		Examiner Name	Lugo, David B.	
Total Number of Pages in this Submission	21	Attorney Docket Number	PN01023AA	

  

ENCLOSURES		(check all that apply)
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-Related papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CDs. _____	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter with appropriate copies <input type="checkbox"/> Other Enclosure(s) (please identify below)
Remarks X Facsimile Transmittal		

  

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual	Hisashi David Watanabe	Registration No.	37,465
Signature	<i>Hisashi D. Watanabe</i>		
Date	September 21, 2004		

  

CERTIFICATE OF TRANSMISSION			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO to facsimile number (703) 872-9306 on the date listed below:			
Typed or printed name	Hisashi David Watanabe		
Signature	<i>Hisashi D. Watanabe</i>	Date	September 21, 2004

<b>FEE TRANSMITTAL</b> Patent fees are subject to annual revision <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		<b>Complete if Known</b>			
		Application Number		09/822,598	
		Filing Date		March 30, 2001	
		First Named Inventor		Chen, Weizhong	
		Examiner Name		Lugo, David B.	
		Group Art Unit		2634	
TOTAL AMOUNT OF PAYMENT		(\$ 0)		Attorney Docket No. PN01023AA	

  

<b>METHOD OF PAYMENT (check all that apply)</b>				<b>FEE CALCULATION (continued)</b>																																																																																																																																																													
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number <u>502117</u> Deposit Account Name <u>Motorola, Inc.</u>				<b>3. ADDITIONAL FEES</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late Provisional filing</td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td></tr> <tr><td>1812</td><td>2520</td><td>1812</td><td>2520</td><td>For filing a request for ex parte Reexamination</td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIF prior to Examiner action</td></tr> <tr><td>1805</td><td>1840*</td><td>1805</td><td>1840*</td><td>Requesting publication of SIF after Examiner action</td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td></tr> <tr><td>1254</td><td>1480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td></tr> <tr><td>1255</td><td>2010</td><td>2255</td><td>1005</td><td>Extension for reply within fifth month</td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td></tr> <tr><td>1451</td><td>1510</td><td>1451</td><td>1510</td><td>Petition to Institute a public use proceeding</td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - 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